

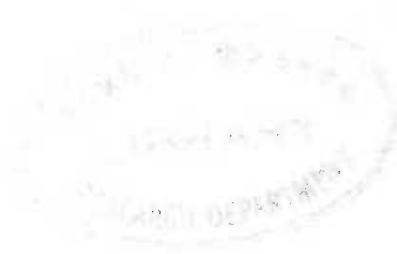
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DOMINION BUREAU OF STATISTICS — DEPARTMENT OF TRADE AND COMMERCE
CANADA



THE FERTILIZERS INDUSTRY
1950



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Ottawa

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NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus and Supplies
- XVI Non-metallic Mineral Products
- XVII Products of Petroleum and Coal
- XVIII Chemicals and Allied Products

The present report belongs in Group XVIII, Chemicals and Allied Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A General Review, 25¢.
- B The Acids, Alkalies and Salts Industry, 25¢.
- C The Fertilizers Industry, 25¢
- D The Fertilizer Trade in Canada, 30¢.
- E The Medicinal and Pharmaceutical Preparations Industry, 25¢.
- F The Paints, Varnishes and Lacquers Industry, 25¢.
- G The Primary Plastics Industry, 25¢.
- H The Soaps, Washing Compounds and Cleaning Preparations Industry, 25¢.
- I The Toilet Preparations Industry, 25¢.
- J The Vegetable Oils Industry, 25¢.
- K The Inks Industry, 25¢.
- L The Adhesives Industry, 25¢.
- M The Polishes and Dressings Industry, 25¢.
- N The Compressed Gases Industry, 25¢.
- O The Coal Tar Distillation Industry, 25¢.
- P The Miscellaneous Chemical Products Industry, 25¢.

THE FERTILIZERS INDUSTRY

1950

Production by factories in Canada which were engaged principally in the manufacture of fertilizers was valued at \$68,996,819 in 1950 compared with \$67,428,067 in 1949. In addition, there was a production of 224,966 tons of cyanamid, ammonium sulphate, mixed fertilizers and fish fertilizers valued at \$9,757,735 in 1950, and 227,281 tons at \$9,991,139 in 1949, by establishments which were classified to other industrial groups. The quantity of fish used as fertilizer in 1950 amounted to 108,355 barrels valued at \$69,231.

Thirty-six plants were occupied chiefly in the manufacture of fertilizers in 1950, there being 14 in Ontario, 7 in British Columbia, 6 in Quebec, 3 in New Brunswick, 3 in Nova Scotia, 2 in Prince Edward Island and 1 in Alberta. Workers in these establishments declined from 3,269 in 1949 to 3,253 in 1950, although total salaries and wages increased from \$9,004,943 to \$9,422,571.

Total production of mixed fertilizers in 1950 from all industries amounted to 669,900 tons worth \$26,519,000 at factory prices and included 666,100 tons at \$26,300,000 made by plants in the fertilizer manufacturing industry and 3,800 tons at \$219,000 made in the meat packing, oils and fats and adhesives industries. In 1949 the corresponding total was 661,100 tons at \$24,794,000 and in 1948 it was 650,200 tons at \$22,738,000.

Superphosphate was manufactured in 1950 by Canadian Industries Limited and Green Valley Fertilizer and Chemical Co. Ltd. The former had works at McMasterville, Quebec; Hamilton, Ontario; and also operated a plant at New Westminster, British Columbia, until September when it was taken over by Green Valley Fertilizer and Chemical Co. Ltd. Ammonium nitrate (fertilizer grade) was manufactured in 1950 by the North American Cyanamid Limited (Welland Works), at Niagara Falls, in Ontario, and by Consolidated Mining and Smelting Company of Canada, Limited, at Trail, British Columbia, and at Calgary, Alberta. The output figures are not published separately since there were only two producers in each instance.

Ammonium sulphate was made by the Consolidated Mining and Smelting Company of Canada, Limited, at Trail, British Columbia; North American Cyanamid Limited (Welland Works), at Niagara Falls, Ontario; and also by the following coke manufacturers: Algoma Steel Corporation Limited, at Sault Ste. Marie, Ontario; Dominion Iron and Steel Ltd., at Sydney, Nova Scotia; Hamilton By-Product Coke Ovens, Limited, at Hamilton, Ontario; Montreal Coke and Manufacturing Company, at Montreal, Quebec; and the Steel Company of Canada, Limited, at Hamilton, Ontario. Production during the calendar year 1950 amounted to 211,534 tons; imports totalled 103 tons, and exports amounted to 209,106 tons. Ammonium phosphate was made only by the Consolidated Mining and Smelting Company of Canada, Limited, at Trail, British Columbia.

A special survey of the fertilizer trade in Canada during the fertilizer year ended June 30, 1951, has been completed by the Dominion Bureau of Statistics, and the results have been published in a special report. Summary figures on the sales of fertilizers have been reprinted in Tables 6-9 of this bulletin. A total of 770,507 tons of mixtures and materials was sold in Canada during the year ended June 30, 1951, compared with 764,581 tons during the preceding twelve-month period.

TABLE 1. Principal Statistics of the Fertilizers Industry, 1946-1950

Year	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1946	29	2,805	5,929,796	3,232,099	22,865,328	49,992,443
1947	31	3,258	7,283,119	2,465,076	27,417,467	58,784,345
1948	33	3,169	8,015,656	2,227,565	30,043,381	63,986,427
1949	32	3,269	9,004,943	1,772,400	31,671,468	67,428,067
1950	36	3,253	9,422,571	1,996,118	33,349,706	68,996,819
Per cent change 1950 from 1949		- 0.5	+ 4.6	+ 12.6	+ 5.3	+ 2.3

Note. Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Principal Statistics, by Provinces, 1949 and 1950

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1949						
Prince Edward Island	2	130	239,139	19,156	3,168,666	3,953,791
Nova Scotia	3					
New Brunswick	3					
Quebec	5	413	1,121,718	55,274	5,036,632	6,357,608
Ontario	13	858	2,242,863	847,699	10,190,021	19,007,883
Alberta	1	1,741	5,082,848	799,615	9,871,189	33,284,815
British Columbia	5					
Canada	32	3,269	9,004,943	1,772,400	31,671,468	67,428,067
1950						
Prince Edward Island	2	120	218,083	20,330	2,776,672	1,361,686
Nova Scotia	3					
New Brunswick	3					
Quebec	6	430	1,212,182	66,137	5,470,625	7,491,037
Ontario	14	921	2,583,086	941,803	11,874,140	21,237,911
Alberta	1	1,667	5,106,668	924,004	10,037,819	32,850,511
British Columbia	7					
Canada	36	3,253	9,422,571	1,996,118	33,349,706	68,996,819

TABLE 3. Products of the Fertilizers Industry, Calendar Years, 1949 and 1950

Product	1949		1950	
	Quantity	Selling value at works	Quantity	Selling value at works
	Tons	\$	Tons	\$
Mixed fertilizers	655,800	24,500,334	666,147	26,300,338
Superphosphate, ammonium nitrate (fertilizer grade), ammonium phosphate and ammonium sulphate (completely manufactured)	845,676	40,997,244	838,691	40,021,505
Superphosphate, milled and screened only:				
16% - 18% P ₂ O ₅	247	7,323	204	6,772
20% P ₂ O ₅	10,622	311,392	14,697	455,444
Ammonium sulphate, milled and screened only	448	24,817	471	27,670
Muriate of potash, milled and screened only:				
50% K ₂ O	284	14,718	313	16,339
60% K ₂ O	1,800	110,737	1,323	78,202
Nitrate of soda, milled and screened only	23	1,898	86	4,730
All other products	-	1,459,604	-	1,485,819
Total for fertilizers industry	-	67,428,067	-	68,996,819
Fertilizers made in other industries (cyanamid, ammonium sulphate, mixtures, etc.)	-	9,991,139	-	9,757,735
Total value of all fertilizers produced	-	77,419,206	-	78,754,554

1. Each of these products was made by only one or two firms in this industry, hence the production figures can not be shown separately.

Note. The Fertilizers Industry includes only the concerns which are engaged chiefly in the manufacture of fertilizers. Some fertilizers are made also in the other industries; for example, ammonium sulphate is produced as a by-product in coke plants, cyanamid is made by a firm which is classified to the heavy chemicals industry and a small amount of mixed fertilizer is made in the slaughtering and meat-packing industry. For the total production of mixed fertilizers, see table 5.

TABLE 4. Materials Used in the Fertilizers Industry, 1949 and 1950

Material	1949		1950	
	Quantity	Cost at works	Quantity	Cost at works
	Short tons	\$	Short tons	\$
Ammonia, anhydrous	54,273	1,871,910	45,373	1,706,561
Ammonia liquor	—	343,895	—	1,260,351
Ammonium nitrate	18,381	1,303,846	9,273	675,729
Ammonium phosphate:				
11-48-0	3,755	286,977	4,407	357,946
16-20-0	1,881	116,462	1,499	85,067
Ammonium sulphate (sulphate of ammonia)	38,843	1,741,489	33,429	1,499,470
Bone meal and bone flour	304	27,469	257	22,706
Borax	169	11,468	227	17,114
Brucite fines	923	37,085	673	18,882
Calcium cyanamide (cyanamid)	7,223	383,746	3,106	162,073
Coke (except for fuel)	104,404	1,750,063	97,528	1,685,765
Diatomaceous earth	7,469	324,702	7,861	344,461
Dried blood and blood meal	50	3,929	57	5,898
Limestone	39,784	103,942	44,474	117,865
Lime or land plaster	664	10,413	436	2,842
Magnesium oxide	743	28,710	898	33,388
Magnesium sulphate	150	7,256	39	3,097
Phosphate rock	396,456	5,275,366	421,304	5,789,354
Potassium chloride (muriate of potash):				
50% K_2O	3,798	127,498	13,281	645,575
60% K_2O	85,027	3,707,328	83,115	3,623,209
Potassium nitrate (nitrate of potash)	68	15,178	75	15,935
Potassium sulphate (sulphate of potash)	7,190	347,714	8,761	459,615
Potassium magnesium sulphate (sulphate of potash magnesia)	3,410	112,852	2,605	85,315
Potash manure salts and kainite	3,425	72,132	336	6,475
Silica sand	48,772	150,647	44,877	115,631
Sodium nitrate (nitrate of soda)	6	448	358	23,908
Sulphuric acid 100%	488,405	2,659,344	503,865	2,764,743
Superphosphate:				
16-18% P_2O_5	20,194	400,099	15,918	296,198
20% P_2O_5	277,195	5,763,270	294,176	6,540,168
38-48% P_2O_5	3,840	112,626	11,010	389,014
Ammoniated -3-18-0	7,497	198,970	6,654	278,761
Tankage	1,259	35,011	397	11,383
Urea	53	7,519	572	50,770
All other materials	—	1,019,429	—	1,133,323
Containers and shipping materials	—	3,312,675	—	3,121,114
Total	—	31,671,468	—	33,349,706

TABLE 5. Total Production of Mixed Fertilizers, from All Industrial Groups, Calendar Years 1941-1950

Year	Quantity		Year	Quantity	
	Tons	Selling value at works		Tons	Selling value at works
		\$			\$
1941	297,500	8,617,000	1946	597,900	17,956,000
1942	406,100	12,480,000	1947	673,800	21,998,000
1943	507,800	15,039,000	1948	650,200	22,738,000
1944	542,500	15,586,000	1949	661,100	24,794,000
1945	539,500	16,256,000	1950	669,900	26,519,000

Note. Figures in this table represent the total Canadian production of mixed fertilizers, regardless of the industries in which produced.

TABLE 6. Sales in Canada of Fertilizers, Except for Manufacturing Purposes, Year Ended June 30, 1951

Kind	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total sold in Canada
(Short tons)											
FERTILIZER MATERIALS											
Nitrate of soda	208	..	1	..	66	700	1	..	..	20	996
Sulphate of ammonia	13	181	235	135	183	327	75	46	590	2,212	3,997
Cyanamide	..	36	113	71	29	3,015	..	..	..	205	3,469
Ammonium nitrate	144	485	613	392	425	5,504	..	..	566	1,704	9,833
Ammonium phosphate:											
11-48-0	..	..	..	..	..	2,367	20,359	30,000	30,012	950	83,688
16-20-0	..	..	..	..	..	155	1,901	1,296	4,300	2,849	10,501
Superphosphate ¹	25	730	1,642	1,631	7,943	13,975	..	..	21	2,511	28,475
Natural phosphate rock	..	..	..	..	252	420	..	..	..	109	781
Basic slag	..	..	..	..	550	..	..	..	..	..	550
Bone meal, bone flour, etc.	..	..	41	7	51	529	28	..	82	623	1,363
Muriate of potash:											
50% K ₂ O	..	15	..	..	32	360	..	..	..	..	407
60% K ₂ O	4	167	100	179	74	1,963	1	..	..	540	3,028
Sulphate of potash	..	..	6	..	2	156	..	..	..	100	264
Tankage	..	..	..	..	..	..	..	..	154	225	379
Sheep manure	..	..	118	25	470	885	19	18	..	171	1,706
Dried blood	..	..	..	..	..	7	1	..	38	100	146
Other fertilizer materials ²	..	6	7	36	156	3,772	..	..	..	370	4,347
Total materials	394	1,620	2,876	2,476	10,233	34,135	22,385	31,362	35,763	12,689	153,933
Mixed fertilizers (see Table 7)	4,267	33,637	29,961	57,352	140,181	334,161	330	86	94	16,505	616,574
Total, 1951	4,661	35,257	32,837	59,828	150,414	368,296	22,715	31,448	35,857	29,194	770,507
Total, 1950	4,214	47,279	32,744	71,459	148,036	346,568	21,560	31,015	32,876	28,830	764,581

1. Almost all 20% P₂O₅.

2. Lime has not been included.

TABLE 7. Mixed Fertilizers Sold During the Year Ended June 30, 1951

Formula	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan, Alberta	British Columbia	Total sold in Canada	Exported from Canada
(Short tons)										
N P ₂ O ₅ K ₂ O										
0 12 12	..	..	..	..	14	11,247	..	..	11,261	..
0 12 20	..	..	..	..	..	4,000	..	521	4,521	..
0 16 8	..	..	..	..	3,367	9,067	..	..	12,934	..
2 8 16	..	..	..	1	1,632	423	..	..	2,056	6
2 10 8	..	..	..	..	..	20,874	..	..	20,874	..
2 12 6	..	..	..	..	45,113	106,245	3	..	151,361	15
2 12 10	..	..	..	..	13,931	89,637	..	72	103,640	2
2 12 16	..	..	..	..	..	2,541	..	..	2,541	..
2 14 8	..	..	..	..	2,518	3,056	..	..	5,574	..
2 16 6	..	..	..	..	14,535	11,368	4	757	26,664	12
3 10 3	..	..	..	..	..	4,246	..	..	4,246	..
3 15 6	299	7,532	15,807	13,695	..	8	..	..	37,341	267
4 8 10	..	..	..	..	39,841	26,409	3	..	66,253	67
4 10 10	..	..	..	..	..	..	6	5,382	5,388	46
4 12 6	..	..	..	29	1,460	3,396	..	..	5,085	102
4 12 10	..	..	..	..	92	10,939	29	5	11,065	..
4 24 12	..	..	..	..	9	10,547	18	..	10,574	..
5 7 10	..	..	..	..	..	..	..	..	..	1,546
5 8 10	..	..	..	..	2,384	5	..	..	2,389	..
5 10 5	..	..	..	..	508	1,671	202	985	3,366	..
5 10 10	2,728	9,755	8,722	29,350	5,947	53	..	2	56,557	3,151
5 10 13	111	16,242	1,876	10,438	5,702	4,353	28	..	38,750	13
6 8 6	..	..	..	..	..	..	..	2,220	2,220	..
6 9 9	..	..	..	..	..	..	..	..	..	2,639
6 9 12	..	71	59	2,059	..	..	..	..	2,189	11,966
6 12 6	1,096	4	2,340	1,424	1	8	..	..	4,873	190
6 30 15	..	..	..	..	..	..	..	1,299	1,299	..
8 12 16	..	..	..	..	..	..	..	..	..	2,304
9 5 7	16	..	3	82	1,503	460	..	..	2,064	9
9 9 7	12	..	1,067	135	10	..	..	..	1,224	..
10 20 10	..	..	..	..	2	..	2	1,343	1,347	..
Miscellaneous other mixtures	5	33	87	139	1,104	13,416	215	3,919	16,918	4,060
Total, 1951	4,267	33,637	29,961	57,352	140,181	334,161	510	16,505	616,574	26,395
Total, 1950	3,754	44,999	29,804	68,978	136,230	317,034	570	17,240	618,609	20,033

Note. Figures in this table include tobacco fertilizers, and fertilizers containing boron and magnesium oxides.

TOTAL SALES IN CANADA OF FERTILIZER MATERIALS
AND
MIXED FERTILIZER FOR THE YEARS ENDED JUNE 30, 1940-51
(THOUSAND NET TONS)

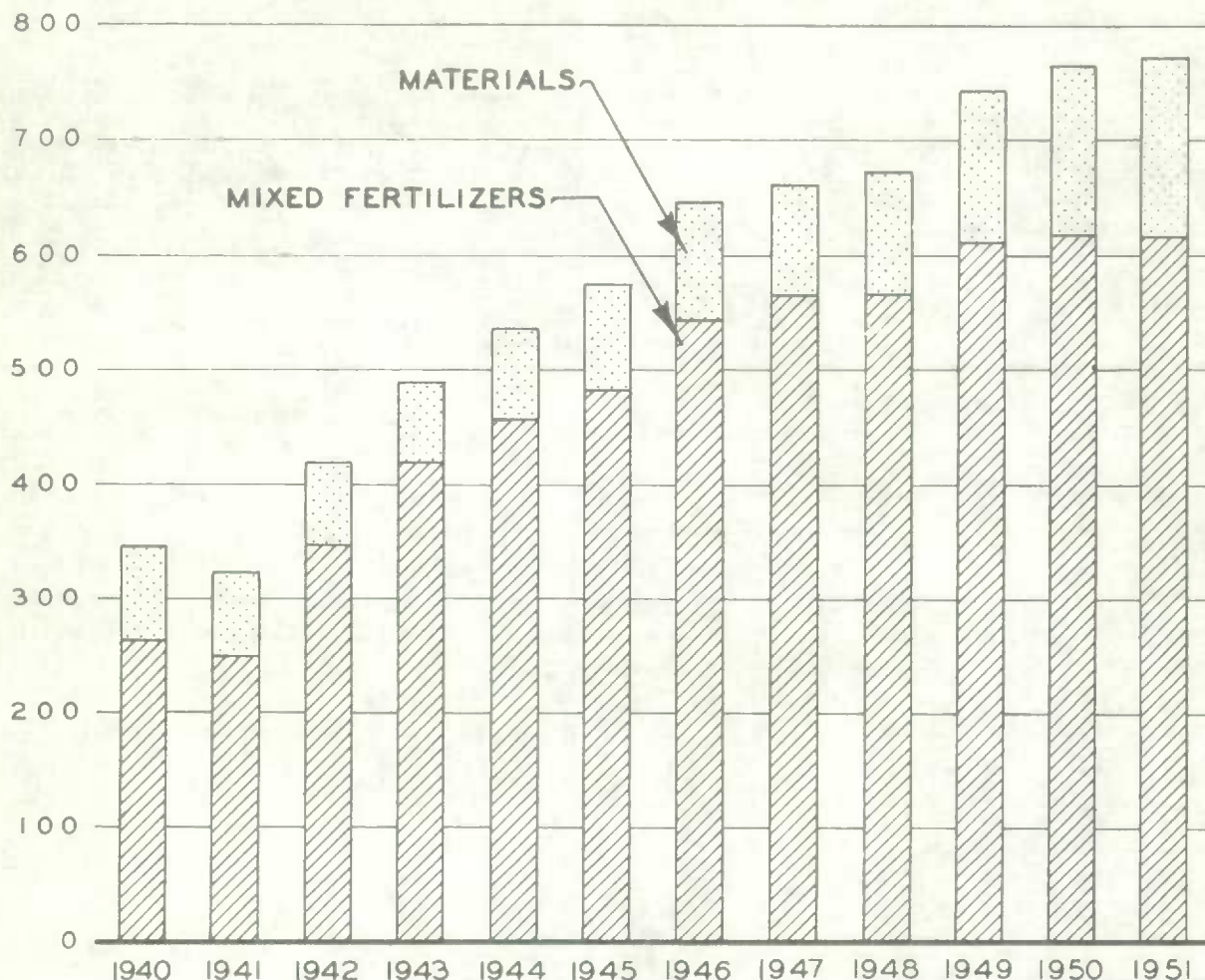


TABLE 8. Total Sales¹ in Canada of Fertilizer Materials and Mixed Fertilizers for the Years Ended June 30, 1950 and 1951

Province	Year ended June 30	
	1950	1951
(Tons of 2,000 pounds)		
Fertilizer materials:		
Newfoundland	460	394
Prince Edward Island	2,280	1,620
Nova Scotia	2,940	2,876
New Brunswick	2,481	2,476
Quebec	11,806	10,233
Ontario	29,534	34,135
Manitoba, Saskatchewan and Alberta	84,881	89,510
British Columbia	11,590	12,659
Canada	145,972	153,933

CHEMICALS AND ALLIED PRODUCTS

TABLE 8. Total Sales¹ in Canada of Fertilizer Materials and Mixed Fertilizers for the Years Ended June 30, 1950 and 1951 - Concluded

Province	Year ended June 30	
	1950	1951
	(Tons of 2,000 pounds)	
Mixed fertilizers:		
Newfoundland	3,754	4,267
Prince Edward Island	44,999	33,637
Nova Scotia	29,804	29,961
New Brunswick	68,978	57,352
Quebec	136,230	140,181
Ontario	317,034	334,164
Manitoba, Saskatchewan and Alberta	570	510
British Columbia	17,240	16,505
Canada	618,609	616,574

1. Except for manufacturing purposes.

TABLE 9. Total Sales¹ in Canada of Fertilizer Materials and Mixed Fertilizers for the Years Ended June 30, 1942-1951

Year ended June 30	Fertilizer materials	Mixed fertilizers	Total sold in Canada
	(Tons of 2,000 pounds)		
1942	72,136	347,411	419,547
1943	72,162	417,699	489,861
1944	79,233	455,875	535,108
1945	92,026	483,081	575,107
1946	102,639	543,406	646,045
1947	95,870	564,851	660,721
1948	107,299	564,872	672,171
1949	129,968	611,758	741,726
1950	145,972	618,609	764,581
1951	153,933	616,574	770,507

1. Except for manufacturing purposes.

TABLE 10. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold During the Years Ended June 30, 1942-1951

Year ended June 30	In materials			In mixtures		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
	(Short tons)					
1942	5,042	13,911	2,877	9,311	37,099	27,497
1943	3,459	13,098	3,112	11,202	45,079	32,977
1944	5,422	15,206	2,933	13,638	48,850	28,020
1945	7,633	25,387	3,087	14,327	51,309	39,578
1946	7,834	21,424	2,241	16,519	57,171	43,224
1947	8,923	26,231	2,216	16,821	59,021	44,913
1948	10,693	30,149	2,738	17,153	59,388	47,342
1949	12,001	37,789	2,749	18,340	67,221	52,312
1950	14,533	47,151	1,924	18,820	70,840	54,063
1951	16,167	48,745	2,181	18,328	73,142	53,940

TABLE 11. Production, Imports and Exports of Ammonium Sulphate, 1941-1950

Year	Production	Imports		Exports
		(Tons)		
1941	98,662	57	59,480	
1942	116,796	5,045	79,236	
1943	196,404	39	141,080	
1944	209,578	104	167,496	
1945	221,499	105	181,189	
1946	197,103	63	155,446	
1947	196,825	124	158,975	
1948	215,109	130	146,379	
1949	225,949	140	167,147	
1950	211,534	103	209,106	

TABLE 12. Imports and Exports of Fertilizers, 1949 and 1950

Item	1949		1950	
	Quantity	Value	Quantity	Value
Imports				
Ammonia, sulphate of,	140	15,255	103	7,255
Blast furnace slag, basic slag ¹	37,444	131,852	34,608	74,214
Kainite or German potash salts and German mineral potash	6,923	65,991	2,288	33,580
Potash, muriate of,	100,953	2,875,678	98,509	2,852,182
Potash, sulphate of,	6,311	235,116	8,058	318,519
Nitrate of soda or cubic nitre	18,970	909,678	19,585	984,433
Fertilizers, superphosphate or acid phosphate of lime	167,572	2,693,367	182,822	3,137,956
Fertilizers, compounded or manufactured, n.o.p.	5,154	173,214	4,586	182,445
Fertilizers, manufactured, n.o.p.	11,955	668,243	21,779	1,201,855
Exports				
Ammonium sulphate	167,147	7,851,153	209,106	8,972,503
Nitrogen fertilizer	2	2	379,216	21,333,521
Phosphate (fertilizer)	146,512	9,000,133	121,211	7,021,457
Fertilizers, manufactured, n.o.p.	392,064	22,533,745	32,061	1,546,353

1. Includes slag imported for use in the manufacture of mineral wool.

2. Included in "Fertilizers, manufactured, n.o.p." in 1949.

Note. In each case, the period covered in the above table refers to the "calendar" year.

TABLE 13. Employees and Their Earnings, by Provinces, 1949 and 1950

Province	Number of Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1949								
New Brunswick	17	6	104	—	127	56,167	262,208	318,375
Quebec	135	79	198	1	413	673,412	448,306	1,121,718
Ontario	213	62	582	1	858	792,362	1,450,501	2,242,863
British Columbia	205	25	1,130	8	1,368	871,195	3,156,452	4,027,647
Other provinces	89	29	376	9	503	377,091	917,249	1,294,340
Canada	659	201	2,390	19	3,269	2,770,227	6,234,716	9,004,943
1950								
New Brunswick	17	6	92	—	115	58,974	243,578	302,552
Quebec	144	81	204	1	430	742,244	469,938	1,212,182
Ontario	245	64	609	3	921	949,232	1,633,854	2,583,086
British Columbia	220	26	1,053	10	1,309	887,691	3,119,710	4,007,401
Other provinces	86	21	361	10	478	366,914	950,436	1,317,350
Canada	712	198	2,319	24	3,253	3,005,055	6,417,516	9,422,571



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List of Firms in the Fertilizers Industry, 1950

Name	Location of plant
Prince Edward Island:	
The Island Fertilizer Co. Ltd.	Charlottetown
Canada Packers Limited	Summerside
Nova Scotia:	
Canadian Industries Limited (Fertilizer Division)	Pier 9, Halifax
Canada Packers Limited	Port Williams
Colonial Fertilizer Co. Ltd.	Keable St., Windsor
New Brunswick:	
Canada Packers Limited (Fertilizer Division)	Bayside Drive, East Saint John
International Fertilizers Limited	East Saint John
Summers Fertilizer Co. Inc.	Prince William St., St. Stephen
Quebec:	
Agricultural Chemicals Ltd.	Chambly
Canada Packers Limited	6000 St. Patrick St., Montreal
Canadian Industries Limited (Fertilizer Division)	1490 Marlborough St., Montreal
Canadian Industries Limited (Fertilizer Division)	McMasterville
Houde, William, Limited	La Prairie
International Fertilizers Limited	Wolfe's Cove, Quebec
Ontario:	
Agricultural Chemicals Ltd.	Marsh St., Port Hope
Canada Packers Limited	2200 St. Clair Ave. W., Toronto
Canada Packers Limited	Welland
Canadian Industries Limited (Fertilizer Division)	King St. E., Chatham
Canadian Industries Limited (Fertilizer Division)	Burlington & Ottawa Sts., Hamilton
Hy-Trous Co. of Canada Ltd.	121 Pitt St., Cornwall
Misner Seeds & Fertilizer	Port Dover
"Na-Churs" Plant Food Co. (Canada) Ltd.	2 Langarth St. W., London
North American Cyanamid Limited, Welland Works	Garner Rd., Niagara Falls
Read Brothers Fertilizers, Limited	Union St., Elmira
Stone, William, Sons Ltd.	Ingersoll
Swift Canadian Co. Limited	1406 The Queensway, Etobicoke
United Co-Operatives of Ontario	4004 Dundas St. W., Toronto
Witts Fertilizer Works Ltd.	Norwich
Alberta:	
Consolidated Mining and Smelting Co. of Canada Limited	Calgary
British Columbia:	
B.C. Organic Fertilizer Ltd.	102 Huth Ave., Penticton
Buckerfield's Limited	Columbia St., New Westminster
Canadian Industries Limited (Fertilizer Division)	Foot of 16th St., New Westminster
Consolidated Mining and Smelting Co. of Canada Limited	Trail
Globe Fertilizer Co. Ltd.	Foot Crompton Road, Vancouver
Green Valley Fertilizer & Chemical Co. Ltd.	16th St. & 5th Ave., New Westminster
Vitalerth Products Limited	1741 West 4th Ave., Vancouver